



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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AUG 26 2002

TECH CENTER 1600/2900

Applicants: Walter H. Günzburg, Peter Karle, Robert M. Saller, Brian Salmons,  
Matthias Löhr and Petra Müller

Serial No.: 09/160,067

Group Art Unit: 1636

Filed: September 24, 1998

Examiner: S. Kaushal

For: Encapsulated Cells Producing Cytochrome P450

#23/F

Zeta  
9/4/02

CERTIFICATE OF MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Assistant Commissioner for Patents, Box Sequence, P.O. Box 2327, Arlington, VA 22202	
on <u>8-19-02</u>	<u>Jenine Crump</u>
Date	Signature
<u>Jenine Crump</u>	
Typed or printed name of person signing certificate	

TRANSMITTAL OF SUBSTITUTE SEQUENCE LISTING AND  
PRELIMINARY AMENDMENT

Assistant Commissioner for Patents  
Box Sequence, P.O. Box 2327  
Arlington, VA 22202

Sir:

The Substitute Sequence Listing is submitted in response to the Notice to Comply with Sequence Requirements mailed from the Patent Office on August 5, 2002. A copy of the Notice to Comply is enclosed.

Transmitted herewith is a copy of a Substitute "Sequence Listing" in paper form (sheets 1/2 through 2/2) for the above-identified patent application as required by 37 C.F.R. §§ 1.825(a) and 1.821(c), and a copy of the Substitute "Sequence Listing" in computer readable form as required by 37 C.F.R. §§ 1.825(b) and 1.821(e).

As required by 37 C.F.R. § 1.825(b), Applicant's Attorney hereby states that the contents of the Substitute "Sequence Listing" in paper form and in the computer readable form submitted herewith are the same and, as required by 37 C.F.R. § 1.825(a), also states that the submission includes no new matter.

In the Specification

Please replace the "Sequence Listing" filed on January 6, 1999 (sheets 1/2 through 2/2) with the attached Substitute "Sequence Listing" (sheets 1/2 through 2/2) comprising SEQ ID NOS: 1-6.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By Anne J. Collins  
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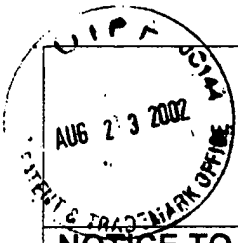
Facsimile: (978) 341-0136

Concord, MA 01742-9133

Date:

*August 19, 2002*

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**Notice to Comply**

Application No. 09160067	Applicant(s) Gunzburg	
Examiner KAUSHAL	Art Unit 1636	AUG 26 2002 TECH CENTER 1600/29C

**NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES**

Applicant must file the items indicated below within the time period set the Office action to which the Notice is attached to avoid abandonment under 35 U.S.C. § 133 (extensions of time may be obtained under the provisions of 37 CFR 1.136(a)).

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 C.F.R. 1.821 - 1.825 for the following reason(s):

- ☒ 1. This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998).
- ☐ 2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 C.F.R. 1.821(c).
- ☐ 3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e).
- ☒ 4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing."
- ☐ 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A Substitute computer readable form must be submitted as required by 37 C.F.R. 1.825(d).
- ☐ 6. The paper copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 C.F.R. 1.821(e).
- ☐ 7. Other:

**Applicant Must Provide:**

- ☒ An initial or substitute computer readable form (CRF) copy of the "Sequence Listing".
- ☒ An initial or substitute paper copy of the "Sequence Listing", as well as an amendment directing its entry into the specification.
- ☒ A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 C.F.R. 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d).

For questions regarding compliance to these requirements, please contact:

For Rules Interpretation, call (703) 308-4216  
 For CRF Submission Help, call (703) 308-4212  
 PatentIn Software Program Support  
     Technical Assistance.....703-287-0200  
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**PLEASE RETURN A COPY OF THIS NOTICE WITH YOUR REPLY**